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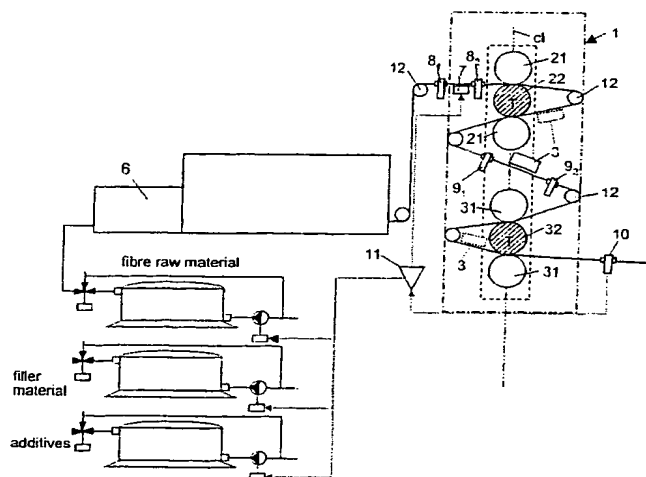
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(54) Title: METHOD, SYSTEM AND CALENDER FOR CONTROLLING THE MOISTURE PROFILE AND/OR MOISTURE  
GRADIENT OF A PAPER WEB, AND A WEB



(57) Abstract: A method and a system for controlling the moisture profile and/or moisture gradient of a paper web for production of at least SC quality paper in a paper machine comprising a calender (1) which has at least two roll stacks (21, 22; 31, 32), of which at least one has at least three rolls and of which at least another one has at least five rolls, and which calender is provided with a pre-moisturizer (7) placed before the calender, in which pre-moisturizer the web is moisturized to a desired pre-moisture content M1, and with at least one intermediate moisturizer (3) arranged between two roll stacks to a desired intermediate moisture content M2 before the last roll stack (31, 32), in which the web is dried to a desired final moisture value M3. In accordance with the invention, for continuously controlling and optimizing the moisture profile and/or moisture gradient of the web, the premoisturizing W1 of the web is controlled by a control parameter of the premoisturizer (7) situated before the calender (1), which control parameter corresponds to the final moisture value M3 of the web.

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WO 2004/001126 A1